

NE-1038

- 24 -

ABSTRACT OF THE DISCLOSURE

1 The transmit power of a CDMA downlink channel is controlled
2 from a base station by receiving a command signal from a mobile station
3 requesting it to decrease the transmit power of the downlink channel. In
4 response, the base station decreases the transmit power if a hypothetically
5 decremented value of the transmit power is higher than a nominal lower
6 limit of its power control range, and further decreases the transmit power
7 if the downlink channel still has a quality higher than a specified value at
8 the mobile station even when the hypothetically decremented value is
9 lower than the nominal lower limit. The base station sets the transmit
10 power equal to the nominal lower limit if the hypothetically decremented
11 value is lower than the nominal lower limit and the downlink channel
12 still has a quality higher than the specified value at the mobile station.